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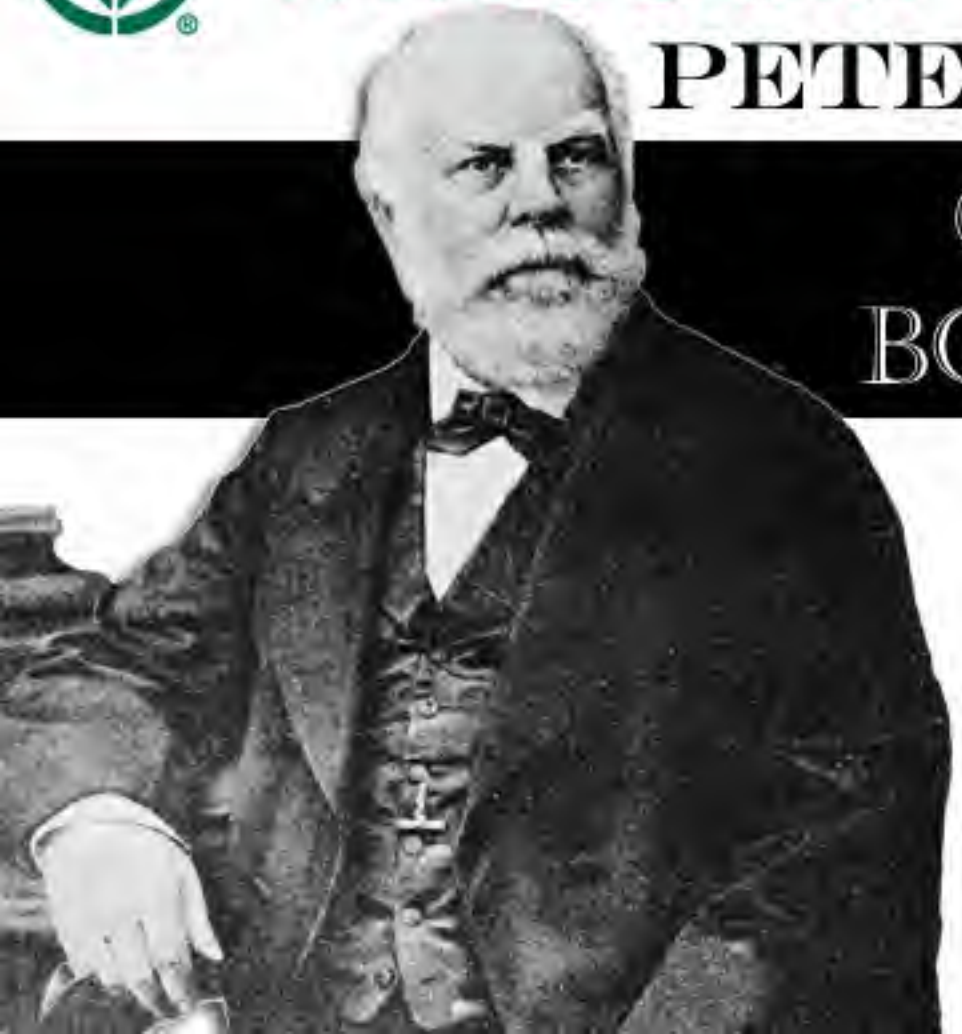

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Herb Kew Sept 6 1869

420 Pinus Brattia Zucc. , Kotschy, printed label – 1853 , from Taurus

419 P. Halepensis Mill " " " " " labelled in error P. Cassia Don!

and both plants in same sheet.

"Pinus pyrenaica Lap. Abr. Pyr. suppl. p.140 Benesque in Pyrenees."

Jacques Gay mss. distrib. 1835 – is certainly Laricio – compare also Boiss. Voy. 2. p.584

Kotschy Pl. Cypr. 759 P. Laricio orientalis 1862 is here placed in same sheet.

12325

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P. Halepensis folia breviora strobili
angusti

P. maritima (pitysa, Bertol.)
folia longiora, strobili ovati

P. Brutia a Pasoliana = P. pyrenaica
fid. Pasolini

P. pyrenaica proxima et Laricioni fide cl.

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Parlatore in DC. Prod

P. pithyusa ad Halepensem

P. Brutia ubi ?

ad { maritimam Lamb. fide Henkel
= Pithyusa

vide

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Loudon Arb. & Frut. Brit. 2d ed. 1844

vol IV. p. 2273

Pinus Halepensis ; .... The female catkins are not as is usual, placed at the extremity of the shoot of the year, but come out at the side of the shoot and towards the middle of it.

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Florence Col 5 Cones of the Oto dei Semplici (Pl. under Canals)

Pinus Halepensis ♂ fem. fl. lateral and not verticillate — if several on same branch, they are at different altitudes — always on long, erect pedicels, which in rare instances bear also some leaves! In fruit the peduncle is very stout, recurved — the axis above it often very much more slender — Cones open (after Thanksgiving) or with your following! 65th! but remain attached to tree oft for another year. —

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Slaty leaves

15 Oct 65

Lauri H.B. Kesp.

Cretacea with slaty leaves

Taurica H.B. Kesp

" Pyrenaica " Kew. similar but

with penicillate pubescence

" Ballsiana Kesp, similar leaves

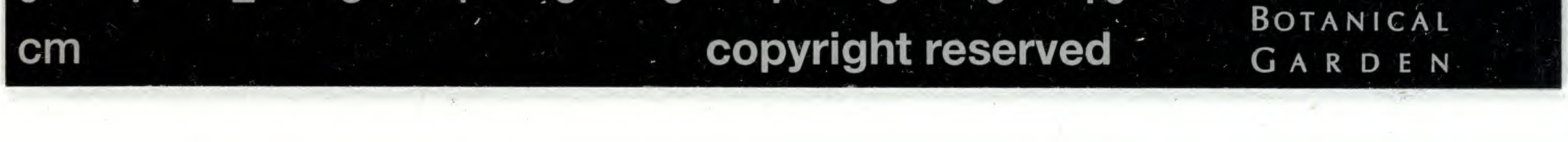
but different pendulous

Slaty leaves

Halepensis

maritima Kesp.

Segusiana Kesp.



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ALEX. LEITCH,

APOTHECARY & PHARMACEUTIST,

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

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VI Vs. Napol. Jan 8 1869

Pinus Canariensis has terminal female flowers; & leaves its fruit the 2d year the leaves persist only two years, and fall in the spring of the 3d year, just after 24 months. Cones often maturity persistent

Cones persistent after maturity = P. Pinaster (maritima Hamiltoni etc) = P. Halepensis, Pithyusa, Laricio Austriaca Canariensis, Pinea

P. "Pithyusa" Cones usually lateral, but found them also terminal, which I have not succeeded to find in P. Halepensis.

P. Laricio has always terminal cones.

P. Laricio
austriaca
Austri

P. pinaster
maritima
Hamiltoni
Pithyusa

P. Halepensis

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Parkinje writes May 27 1878

"Pinus Heldreichii" Antst, which you sent me already named P. Leucodermis Antoine, from Montenegro is a hybrid

of Laricio x sylvestris : one of sylvestris, male flowers and leaves of laricio — wood distinct from both very white x P. Heldreichiana Reichardt is another hybrid between those species

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P. pyrenaica a form of P. Halepensis
according to Theret.
P. abastira also.

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Karl Koch Dendrologie Berlin Bot. Ver. Prov. Brandenb. 30 April 1875 p. 40.41.

Pinus pyrenaica Lapeyr. (= P. maritima var. obtusifolia Gord.) is a fine broad form of P. maritima Mill (= P. Laricio Lam. Camaldulensis & Pumilionis mixta pyrenaica with P. montana — but P. montana is nothing but P. halepensis Mill (to which also P. Pumilionis belongs) with recurved callose cones — seeds always purple like P. halepensis.

P. Nigra Ait (austriaca Host) is intermediate between sylvestris and maritima Mill and a good species (with dark glaucous leaves like sylvestris and Nigra 3 years, in maritima 4 years

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Laboratory of Vulcan Iron & Steel Works,

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June 21st 1877

Dr Geo. Engelmann

My dear Sir:

I have examined the specimen of "alkali" from Limestone Gap, Ind. Ter. and find that it consists of Sulphate of Magnesia & Sulphate of Soda with some Sulphate of Lime

Osw. Heer, die Tochrnarten der Schweiz (Denkschr. Naturf. Gesellsch.
Luzern. Pag. 177–194

Extr. Zeitschr. f. ges. Naturw. Berl. 1863 vol. p. 422

1. Pinus sylvestris Li always a Tree / cones pedicelled reversed, anthers no crista, bark scaling off leaves slender light green

a. genuina, depressed rostrum on scales

b. reflexa, rostrum with hooked elevation on scale not as high as broad

c. parvifolia

d Engadinensis

e hybrida young ones erect or patulous, old ones very long

2. Pinus montana Mill cones sessile erect, anthers rarely reversed strongly crista, bark dark not scaly

leaves not slender, dark green. – Ober Engadin 6000 & 6900 feet

a. uncinata Ram. (= obliqua Auctor rotundata Link) Trees 2000' alt. 50' high

b. uliginosa Neum. – small scrubby trees

c. Pumilio Link shrubby decumbent,

d. pumilio Haenke shrubby

NB. The great difference in the involucre of male aments is not noticed / nor the persistence of Cones in montana, which was already known to A Braun.

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Sending you Poorly the
Kansas Defenses to you at
St Louis Mo & Keep it in
My Charge until I get at
that place and I hope
you will find it all safe
and in good Order from
from Surgeon Ellerbrook
use as I was not Coming
that way

Yours Respectfully
Surgeon U.S.V.
U.S. Arsenal
& 2 Garden St
Holyoke
Mass

Please give an
an answer when
you get it

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H.B. Kew Sept 6 1869

Pinus Pence Gyrich. is also here from Th. Orphanides leg 18/30 Jul 1862
No 762 — 3000–6000' alt. Mons Peristeri, Mavrolo, rare
(Lyncos veterum) Cones 7–11 cent long, cylindr—
unripe yet — sheath very large and in single bunts, abroad
(in July) fully off.
an original specimen of Grisebach with young cone is also here
and one from Kaage in Exped with ripe cone
P. Cembra, Ledeb. Trop. Wright in North Pacif. Exped Exp. 1853–56
is a Cembra with almost, but not entirely toothless leaves —
other Kamtschatka specimens show the same peculiarity
One spec. has short, the other much longer leaves 3 and 6–7 cent long.
Specimens from Irkutsk, Bessa and Kamtschatka, Beechey are similar,
but mostly with slender, entire leaves
P. sylvestris from Tre Cigonde, Balansa 1866 with stout and broad leaves 6–7 cent
and small form, from the Hautes Alpes, Haubury & Oliver, 1864 — leaves
only 2 cent long, slender — form has cones 5–6, rather 3
cent long — These are about the extremes as to size, that
I find in Kew Herb.
P. Pontica Klotzsch., Koteschy Iter cilicium 1859 — ex Fragmenta. is here
placed with P. uncinata, but is certainly P. sylvestris.

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Pinus Lemoniana Schlechtdl

= Linnaea 29 p. 357 ex

p. 384

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Vienna 2nd 1869

Pinus sylvestris & nigricans hybride, occured in the woods near Voeslau (Vienna) fide Fenzl & Reichardt

Vide also: Klotzsch Berl. Akad. Monatsber. 1854 pag. 557. who mentions a similar hybrid

Pinus hybrida Buchst. (Forstbot. 1810. p. 618 seems to be a hybrid of Pinea & Abies

Ex Herb. Hoffmann, Prof in Giessen, Mayr in Gaud. 29 Varietät. Giessen 1869. p. 136

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Orto dei Semplici Florenz Okt 7 1868

Pinus Laricio Cones sessile, ones really terminal below the term. bud. — Allied to Sylvestris and an exact amentum more to Pumilio. [The section to be named "Laricio" or Sylvestres, as the name "Pinaster" is wrong!] — Cones drop off the maturity

Pinus Pinaster (including maritima Poir) Cones lateral, often verticillate — ~~persistent~~ erect ones horizontal — ~~persistent~~ open at maturity, but persist for a number of years.

Pinus Pyrenaica Cones ~~sessile~~ sessile, less knobby — smaller, but also lateral, near the end of the axis — sometimes terminal (apparently only on weak shoots)

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H6. Cosson, Fani Apl 1869

332 " Pinus Brutia Ten ? "

" de Tchihatcheff Asia minor Occ. 1858 "

363 P. Brutia Ten ?

Kotschy. — Libanon 1855

Similar to halepensis, cones lateral short ovoid, in the first, longer in the 2? lateral! horizontal or directed slightly upwards, very smooth — short pedunculs scales of buds squarrose, as in the plant of the Garden of Naples

Parlatore in DeCProd p. 384 distinguishes this and as syn. of P. Pyrenaica, Lap. from P. halepensis

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